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MT Goodrich, JZ Sun, R Tamassia - LECTURE NOTES IN COMPUTER SCIENCE, 2004 - Springer

... T with  $n$  devices, for zero-state broadcast encryption, the stratified ... T uses  $O(\log$

$n)$  keys per device and has  $O$  ... where  $r$  is the number of revoked devices in the ...

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D Liu, P Ning, K Sun - Proceedings of the 10th ACM conference on Computer and ..., 2003 - portal.acm.org

... to other group members and access encrypted broadcast messages. ... tected, such group

members will be revoked from the ... to compromise more than  $t$  devices to defeat ...

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[Revocation and Tracing Schemes for Stateless Receivers](#) - [hpi-web.de](#) (PDF)

D Naor, M Naor, J Lotspiech - LECTURE NOTES IN COMPUTER SCIENCE, 2001 - Springer

... The area of Broadcast Encryption deals with methods to efficiently ... for the case where

the receiver is a device that is ... let  $r$  be the size of the revoked set  $R$ . ...

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[A Group Key Distribution Scheme with Decentralised User Join](#)

H Kurnio, R Safavi-Naini, H Wang - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer

... Generalisations of broadcast encryption schemes can be found in ... broadcast messages

to update the group key for a ... The scheme is designed to revoke a single user ...

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[A DRM security architecture for home networks](#) - [vu.nl](#) (PDF)

BC Popescu, B Crispo, AS Tanenbaum, FLAJ Kamperman - Proceedings of the 4th ACM workshop on Digital rights ..., 2004 - portal.acm.org

... variations of the basic broadcast encryption scheme have ... number of devices can be

revoked without requiring ... mechanism based on individual device authentication ...

[Cited by 35](#) - [Related articles](#) - [Web Search](#) - [All 7 versions](#)

[Protecting Cryptographic Keys: The Trace-and-Revoke Approach](#) - [weizmann.ac.il](#) (PDF)

D Naor, M Naor - COMPUTER, 2003 - doi.ieeecomputersociety.org

... a tracing mechanism to yield a trace-and-revoke scheme ... works by providing it with

an encrypted message and ... needed to perform tracing when the device contains the ...

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[Towards a Survivable Security Architecture for Ad-Hoc Networks](#) - [microsoft.com](#) (PDF)

T Aura, S Maki - LECTURE NOTES IN COMPUTER SCIENCE, 2002 - Springer

... one and transmits or receives a message encrypted or authenticated ... stops paying for

a service, a device is stolen ... way, it is never necessary to revoke the group ...

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[Digital rights management in consumer electronics products](#)

W Jonker, JP Linnartz - Signal Processing Magazine, IEEE, 2004 - ieeexplore.ieee.org

... Compromised devices can be excluded (ie, revoked) by distributing a ... Each device in the home network is equipped ... the key to decrypt the encrypted content stream ...

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### [PS] ► [GSFS {a New Group-Aware Cryptographic File System](#)

C Eckert, F Erhard, J Geiger - Proceedings of SEC2000 World Computer Congress, 2000 - informatik.uni-bremen.de

... has a dedicated owner who may grant and revoke access privileges ... uses a file system to store encrypted data rather than using a device driver directly. ...

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### [Implementing group signature schemes with smart cards](#)

S Canard, M Girault - Proceedings of the 5th conference on Smart Card Research and ..., 2002 - portal.acm.org

... is easily solved when using tamper-resistant devices. ... a limited number of values to encrypt, instead of ... man- ager can efficiently and securely revoke group mem ...

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### [Zero-interaction authentication](#) - ► [sigmobile.org](#) [PDF]

MD Corner, BD Noble - Proceedings of the 8th annual international conference on ..., 2002 - portal.acm.org

... To distribute a new group key, the administrative authority must supply a cer ... be an exchange of nonces [5]: the device sends a num- ber, n, encrypted with the ...

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### [A Revocation Scheme with Minimal Storage at Receivers](#)

T Asano - LECTURE NOTES IN COMPUTER SCIENCE, 2002 - Springer

... is required for decryption or encryption of the ... contract this receiver will be revoked, and as ... general receivers (eg consumer electronics devices), the easiest ...

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### [Recommendations in using group key management algorithms](#)

W Chen, LR Dondeti - DARPA Information Survivability Conference and Exposition, ..., 2003 - [ieeexplore.ieee.org](#)

... sent when member  $\tilde{N}$  is revoked later (shown in Figure 2(b)), since ... key- oriented, ie, each message contains a single key (the group key) encrypted by another ...

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### [Digital rights management in a 3G mobile phone and beyond](#) - ► [sinica.edu.tw](#) [PDF]

TS Messerges, EA Dabbish - Proceedings of the 3rd ACM workshop on Digital rights ..., 2003 - portal.acm.org

... Protected content is encrypted using a symmetric-key algorithm ... For example, when a device is configured to work ... Also, when a certificate is revoked or updated ...

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### [A secure wireless agent-based testbed](#) - ► [datafusionlab.com](#) [PDF]

G Anderson, L Urbano, G Naik, D Dorsey, A ... - Information Assurance Workshop, 2004. Proceedings. Second ..., 2004 - [ieeexplore.ieee.org](#)

... is facilitated by EMAA, which deploys encrypted agents to ... However, a mobile device can only display the list of ... revoke a member by instructing the SEM to stop ...

[Cited by 3](#) - [Related articles](#) - [Web Search](#) - [All 9 versions](#)

### [Scalable cryptographic key management in wireless sensor networks](#)

A Wadaa, S Olariu, L Wilson, M Eltoweissy - Proc. of the 24th Intl. Conf. on Distributed Computing ..., 2004 - [doi.ieeecomputersociety.org](#)

... a combinatorial formulation of the group key management problem ... are mass-produced anonymous commodity devices that are ... is through the use of message encryption. ...

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**Efficient State Updates for Key Management** - ► [pinkas.net](#) [PDF]B Pinkas - Proceedings of the IEEE, 2004 - [ieeexplore.ieee.org](#)

... music from one device to the other), and when they ... can be traced back to the broadcast encryption scheme of ... and Wong and Lam [17], enables to revoke any number ...

Cited by 24 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 14 versions](#)**Design of Self-Healing Key Distribution Schemes** - ► [unisa.it](#) [PS]

C Blundo, PD'Arco, A De Santis, M Liso - Designs, Codes and Cryptography, 2004 - Springer

... could be a need for adding new devices at any ... Broadcast encryption is one of the closest area to the ... up and manages, by means of join and revoke operations, a ...

Cited by 23 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 7 versions](#)**Decentralized Authentication Mechanisms for Object-based Storage Devices** - ► [umn.edu](#)

[PDF]

V Kher, Y Kim - Security in Storage Workshop, 2003. SISW'03. Proceedings of ..., 2003 - [ieeexplore.ieee.org](#)

... further extended CFS by making file encryption transparent to ... file manager can instantaneously revoke the client. ... NASD devices are unaware of the file system ...

Cited by 5 - [Related articles](#) - [Web Search](#) - [All 7 versions](#)**System for enabling lazy-revocation through recursive key generation**

M Kallahalla, E Riedel, R Swaminathan - US Patent App. 09/984,927, 2001 - Google Patents

... key generation technique, an owner may revoke a user ... security module 115 to access the encrypted files. ... may be implemented as an electronic device utilizing an ...

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